



REPORT

of the

Medical Officer of Health

and the

Chief Public Health Inspector

1967



BOROUGH OF LEIGH

REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the year

1967



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H E A L T H C O M M I T T E E

His Worship the Mayor, Councillor James Shuttleworth, J.P.

Chairman:

Councillor F. G I B S O N, J.P.

Deputy Chairman:

Councillor P. H U L L

Alderman T. Battersby, M.B.E., J.P.

" C. H. Bratt, J.P.

" H. Gough, J.P.

" E. Green, J.P.

" T. Hourigan, J.P., M.A., C.A.,

" W. Kearney, J.P.

Councillor L. Birtles, J.P.

" H. Connell

" H. Davies

" W. Derbyshire

" P. Fazaokerley

" A. E. Lyon

" J. Murray

" R. Pemberton

" A. Roberts

" F. Taylor

S T A F F

Medical Officer of Health:

ELLIS TAYLOR, M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health:

PETER G. HOLT, M.B., Ch.B., D.P.H.

Chief Public Health Inspector:

HARRY CLUSKY

Deputy Chief Public Health Inspector:

ARTHUR L. HOPE

District Public Health Inspectors:

Thomas Sutton
William Alan Baines
Clifford Pedder

Pupil Public Health Inspector:

John Mather (appointed 3.4.1967)

Technical Assistant (Smoke Control):

Patrick F. Mulheran (resigned 16.7.1967)
William Gaskell (appointed 27.11.1967)

Clerical Staff

Chief Clerk:	Mrs. G. O'Neil
Clerk/Typist:	Mrs. E. Firth (resigned 19.3.1967)
" "	Mrs. E. W. Dutton
" "	Mrs. D. E. Leadbetter (appointed 1.3.1967)

Disinfector/Mortuary Attendants:

J. J. Kelly
G. List

Rodent Operative:

J. Statham

TABLE OF CONTENTS

INTRODUCTION

SECTION "A" Statistical and Social Conditions of the Area	Page 6
SECTION "B" General Provisions of the Health Services in the Borough	Page 20
SECTION "C" Prevention of and Control over Infectious and other Diseases	Page 26
SECTION "D" Sanitary Circumstances of the Area	Page 30

SECTION "A"

STATISTICAL AND SOCIAL
CONDITIONS OF THE AREA

Public Health Department,
Town Hall,
L E I G H.

To the Chairman and Members of the Health Committee,

I have the honour to present for your information and consideration the Annual Report on the health of the Borough of Leigh for the year 1967.

The general health in the Borough remained satisfactory. The population according to the Registrar General's estimate continued to increase to 46,600.

For the past few years the Borough's birth rate has continually exceeded the national rate and this trend continues.

There were no maternal deaths. The total number of deaths showed an overall increase, whilst the expected pattern, involving cancer, diseases of the heart and blood vessels and respiratory illness was repeated.

The steady progress in the extension of smoke control was continued. Seven areas have now been approved - covering almost one quarter of the area of the Borough and involving just over one third of the households when they all become operative.

I am pleased to take this opportunity of expressing thanks to you, Mr. Chairman, and all Members of the Health Committee for their continued interest in the Department, and to the members of the staff and my colleagues in the Town Hall for their ever-ready help and co-operation.

Yours faithfully,

E. TAYLOR.

V I T A L S T A T I S T I C S .

The following is a summary of the principal statistics for the year 1967:-

	<u>Leigh</u>	<u>England & Wales</u>
Population (Estimate mid 1967)	46,600	48,390,800
Number of deaths (corrected)	655	542,519
Death Rate (per 1,000 population) (corrected)	16.2	11.2
Number of Live Births registered (corrected)	843	832,000
Number of Illegitimate Births	42	-
Percentage of Illegitimate Live Births	4.98	-
Live Birth Rate (per 1,000 population) (adjusted)	19.9	17.2
Number of Stillbirths (corrected)	16	12,500
Still Birth Rate per 1,000 total (live and still) births	18.6	14.8
Number of Infant Deaths	21	15,267
Infant Mortality Rate per 1,000 live births	24.9	18.3
Infant Mortality Rate per 1,000 legitimate births	24.96	-
Infant Mortality Rate per 1,000 illegitimate births	23.80	-
Neo-Natal Mortality Rate (first four weeks) per 1,000 related live births	19.0	12.5
Early Neo-Natal Mortality Rate per 1,000 related live births	16.6	10.8
Peri-Natal Mortality Rate per 1,000 total births	34.9	25.4
Maternal Deaths (including abortion)	Nil	170
Maternal Mortality Rate (including abortion) per 1,000 total births	Nil	0.20
Number of Deaths from all forms of Tuberculosis	4	2,041
Death Rate per 1,000 population from all forms of Tuberculosis	0.08	0.042
Number of Deaths from Neoplasms - Lung Bronchus	11	28,250
Death Rate per 1,000 population from Neoplasms - Lung Bronchus	0.23	0.58
Number of Marriages solemnised	397	-

LOCAL CONDITIONS AND STATISTICS.

Leigh is an industrial South-East Lancashire town. The highest and lowest ordnance datum being 146 feet and 53 feet respectively.

The employing industries are coal mining, cotton manufacturing, cotton and man-made fibre weaving, electric cable manufacture, electrical products, rope making, sheet metal working, agriculture and general engineering, with some farming on mossland on the southerly boundary of the Borough.

Area in acres	6,359
Population (Census 1951)	48,728
Population (Census 1961)	46,174
Estimated population (Mid-year Estimate 1967)	46,600
Number of inhabited houses, end of 1967 according to Rate Books	15,903
Rateable Value	£1,447,359
Sum represented by Penny Rate	£5,652

TABLE SHOWING CLASSIFICATIONS OF CAUSES
OF DEATHS FOR THE YEAR 1967

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Tuberculosis - Respiratory	4	-	4
Malignant Neoplasms - Stomach	10	5	15
" " - Lung, Bronchus	9	2	11
" " - Breast	-	5	5
" " - Uterus	-	1	1
" " - Others	36	29	65
Leukaemia, aloukaemia	2	1	3
Diabetes	-	1	1
Vascular Lesions of the Nervous System	38	52	90
Coronary Disease, Angina	85	64	149
Hypertension with Heart Disease	6	15	21
Other Heart Disease	33	57	90
Other Circulatory Diseases	9	8	17
Influenza	3	2	5
Pneumonia	14	22	36
Bronchitis	18	9	27
Other diseases of respiratory system	15	1	16
Ulcer of Stomach and Duodenum	6	1	7
Gastritis, Enteritis, and Diarrhoea	2	-	2
Nephritis and Nephrosis	2	4	6
Hyperplasia of Prostate	6	-	6
Congenital malformations	3	1	4
Other defined and ill-defined diseases	25	25	50
Motor Vehicle Accidents	4	4	8
All other Accidents	7	6	13
Suicide	1	2	3
	<u>338</u>	<u>317</u>	<u>655</u>

STATISTICS FOR 1966, 1967 AND THE PERIOD 1962 - 1966

BOROUGH OF LEIGH	Per 1,000 Estimated Population			Mortality Rate	
	Live Birth Rate	Crude Death Rate	Death Rate from Pulmonary Tuberculosis	Maternal	Infants
				Rate per 1,000 Total Births	Rate per 1,000 Live Births
Mean of 5 years (1962 - 1966)	17.7	12.8	0.04	0.48	23.1
Year 1966	18.0	12.8	0.04	Nil	21.6
Year 1967	18.1	14.1	0.09	Nil	24.9
Increase or decrease in 1967 on 5 years average (1962 - 1966)	+ 0.4	+ 1.3	+ 0.05	- 0.48	+ 1.8
Increase or decrease in 1967 on 1966	+ 0.1	+ 1.3	+ 0.05	Nil	+ 3.3

B I R T H R A T E .

The total number of registered live births assignable to the Borough of Leigh for the year 1967 was 843 compared with 833 the previous year. The corresponding crude Birth Rate for the two years respectively is 18.1 and 18.0 per 1,000 estimated population.

The crude death rate is 14.1 per 1,000 of the estimated resident population, but when this is corrected and adjusted by making allowances for the age and sex distribution of the population it becomes comparable with the death rate of the country as a whole, or with the death rate of any other area. This standardised death rate, as it is then termed, is 16.2 per 1,000 estimated population for the Borough of Leigh.

The following table gives the Birth and Death Rates per 1,000 estimated population for Leigh and England and Wales during the last 25 years.

Year	Birth Rates (Adjusted)		Death Rates	
	Leigh	England & Wales	Leigh	England & Wales
1943	19.8	16.5	12.5	12.1
4	19.3	17.6	12.7	11.6
5	18.8	16.1	12.5	11.5
6	20.4	19.1	11.5	11.4
7	22.2	20.5	12.7	12.0
8	17.9	17.9	11.3	10.8
9	17.4	16.7	12.4	11.7
1950	16.5	15.8	11.8	11.6
1	14.7	15.5	12.7	12.5
2	13.9	15.3	11.7	11.3
3	15.1	15.5	10.2	11.4
4	14.9	15.2	11.8	11.3
5	14.4	15.0	14.5	11.7
6	15.0	15.7	15.3	11.7
7	15.4	16.1	15.3	11.5
8	16.1	16.4	14.0	11.7
9	15.9	16.5	16.4	11.6
1960	15.7	17.1	14.6	11.5
1	16.6	17.4	16.8	12.0
2	17.1	18.0	16.1	11.9
3	19.1	18.2	14.4	12.2
4	20.1	18.4	14.0	11.3
5	19.7	18.1	15.0	11.5
6	19.8	17.7	14.7	11.7
7	19.9	17.2	16.2	11.2

S T I L L B I R T H R A T E .

The total number of registered still births assignable to the Borough during the year was 16 compared with 19 the previous year, giving rates for the two years of 0.34 and 0.41 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.26.

BIRTH RATES AND DEATH RATES, ANALYSIS OF
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS
DISEASES FOR THE YEAR 1967.

	Rates per 1,000 Home Population	
	England & Wales	Leigh
BIRTHS:-		
Live Births	17.2	19.9
Still Births	0.26	0.34
	14.8(a)	
DEATHS:-		
All Causes	11.2	14.05
Tuberculosis - All forms	0.042	0.09
" - Respiratory	0.037	0.09
" - Non-Respiratory	0.005	0.000
Cancer - All forms	2.27	2.13
" - Lung & Bronchus	0.58	0.23
" - Other Cancer	1.69	1.90
Maternal Mortality	0.20(a)	0.000
Infant Mortality	18.3 (b)	24.9 (b)
Neo-Natal Mortality	12.5 (b)	19.0 (b)
Perinatal Mortality	25.4 (a)	34.9 (a)
Early Neo-Natal Mortality	10.8 (b)	16.6 (b)
NOTIFICATIONS:-		
Typhoid Fever	0.003	0.000
Paratyphoid Fever	0.002	0.000
Meningococcal Infection	0.006	0.000
Scarlet Fever	0.399	0.30
Whooping Cough	0.693	0.55
Diphtheria	0.000	0.000
Erysipelas	0.029	0.000
Smallpox	0.000	0.000
Measles	9.511	1.37
Pneumonia	0.123	0.000
Acute Poliomyelitis - Paralytic	0.000	0.000
" " - Non-Paralytic	0.000	0.000
Acute Encephalitis - Infective	0.002	0.000
" " - Post Infectious	0.002	0.000
Dysentery	0.456	0.000
Food Poisoning	0.104	0.000
Puerperal Pyrexia	0.086	0.000
Tuberculosis - Respiratory	0.228	0.19
" - Meninges & C.N.S.	0.003	0.000
" - Other	0.042	0.04
Anthrax	0.000	0.000

(a) Per 1,000 Total Live and Still Births

(b) Per 1,000 Total Live Births

INCIDENCE AND MORTALITY OF TUBERCULOSIS 1967

AGE PERIODS	Cases Notified				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1 - 4 years	-	-	-	-	-	-	-	-
5 - 9 "	-	-	-	-	-	-	-	-
10 - 14 "	-	2	-	-	-	-	-	-
15 - 24 "	1	-	-	-	-	-	-	-
25 - 34 "	-	-	1	-	-	-	-	-
35 - 44 "	1	-	-	-	-	-	-	-
45 - 54 "	-	-	-	-	-	-	-	-
55 - 64 "	2	-	1	-	3	-	-	-
65 and upwards	3	-	-	-	1	-	-	-
TOTALS	7	2	2	-	4	-	-	-
	9		2		4		-	

INCIDENCE AND MORTALITY OF TUBERCULOSIS

1950 - 1967

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Notified Cases:																		
(a) Pulmonary	27	35	26	28	18	19	24	24	28	20	15	22	25	8	11	17	22	9
(b) Non-Pulmonary	14	14	4	3	5	1	3	3	3	2	1	1	2	2	-	2	-	2
Deaths:																		
(a) Pulmonary	14	9	8	7	11	5	5	2	7	6	2	1	3	1	3	1	2	4
(b) Non-Pulmonary	-	5	2	1	-	-	-	-	-	-	-	1	-	1	-	-	1	-

SUMMARY OF THE INCIDENCE OF THE PRINCIPAL NOTIFIABLE DISEASES

OTHER THAN TUBERCULOSIS, 1957 - 1967

(No. of Deaths in brackets)

	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Scarlet Fever	20	9	38	17	8	6	5	8	21	83	14
Diphtheria	-	-	-	-	-	-	-	-	-	-	-
Measles	710(1)	17	90	1,311	130	21	564	521	154	609	64
Whooping Cough	23	26	31	16	6	3	19	-	-	10	26
Pneumonia	7(28)	5(9)	3(14)	1(13)	3(26)	-(20)	7(24)	-(17)	1(19)	-(24)	-(36)
Puerperal Pyrexia	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infection	-	2(1)	-	-	-	-	-	-	-	-	-
Dysentery	1	23	113	187	9	4	-	11	-	1	-
Erysipelas	1	2	4	1	-	-	-	-	1	2	-
Acute Poliomyelitis	2	1	8	-	1	-	-	-	-	-	-
Food Poisoning	-	21	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	1	-	2	-	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	1	-	-	-
TOTALS	765	106	289	1,533	157	34	595	541	177	705	104

INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis) 1967

		AGE PERIODS																											
		Under 1		1-		2-		3-		4-		5-		10-		15-		20-		35-		45-		65-		Age Unknown		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Scarlet Fever	-	-	-	-	-	-	1	1	-	2	1	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	5
	2	1	1	1	1	2	3	2	4	1	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	11	15	
	3	2	6	1	1	6	4	7	5	12	6	6	5	-	1	-	-	-	-	-	-	-	-	-	-	-	40	24	
TOTALS		5	3	7	2	8	8	10	9	15	10	15	11	-	1	-	-	-	-	-	-	-	-	-	-	-	60	44	

SECTION "B"

GENERAL PROVISIONS

OF THE

HEALTH SERVICES

IN THE

BOROUGH

GENERAL PROVISIONS OF THE HEALTH SERVICES
IN THE BOROUGH.

AMBULANCE SERVICE.

Request for Ambulance Service - Telephone Swinton 4343

CARE OF CHILDREN - CHILDREN ACT, 1948.

Children's Committee, Lancashire County Council, Area No.11

Area Children's Office,
Williams Deacons Bank Chambers,
Market Street,
Leigh. Tel: Leigh 72206

CLINICS.

1. ANTE-NATAL:

Stonchouse Clinic	Wednesday	1.30 p.m. - 3.00 p.m.
	Thursday	1.30 p.m. - 3.00 p.m.

2. RELAXATION CLASS:

Stonchouse Clinic	Friday	1.30 p.m. - 3.30 p.m.
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3. IMMUNISATION:

(i) At the five County Clinics in the Leigh area
by arrangement as required.

(ii) The general practitioner service.

4. POLIOMYELITIS VACCINATION:

Children of pre-school age - Each of the Child Welfare
Clinics by arrangement.

5. CHILD WELFARE:

(i) Stonchouse Clinic	Tuesday	2.00 p.m. - 4.00 p.m.
(ii) Boundary Street Clinic	Thursday	2.00 p.m. - 4.00 p.m.
(iii) Ingham Street Clinic	Wednesday	2.00 p.m. - 4.00 p.m.
(iv) Wigan Road Methodist Chapel	Monday	2.00 p.m. - 4.00 p.m.
(v) Higher Fold Clinic	Alternate Wednesdays	2.00 p.m. - 4.00 p.m.

6. MINOR AILMENTS OF SCHOOL CHILDREN:

Stonchouse Clinic	Monday	10.00 a.m. - 12 noon
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7. DENTAL:

Stonchouse Clinic	By appointment
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C L I N I C S (Continued)

8. OPTHALMIC:
Stonehouse Clinic, St. Helens Road, Leigh. By appointment
9. ORTHOPAEDIC:
Elliott Street Clinic, Tyldesley. By appointment
10. SPEECH THERAPY:
Stonehouse Clinic, St. Helens Road, Leigh. By appointment
11. DAY NURSERY:
Leigh No.1 Stonehouse, St. Helens Road, Leigh.
Leigh No.2 Cavendish Street, Leigh.
12. TUBERCULOSIS:
Chest Clinic, Leigh Infirmary, Leigh.
13. VENEREAL DISEASES:
(i) LEIGH INFIRMARY
Males and Females: Monday 9.30 a.m. - 10.30 a.m.
(ii) CIVIC CENTRE, BOLTON
Males and Females:
Monday, Wednesday & Friday 9.30 a.m. - 12 noon : 4.30 p.m. - 7.00 p.m.
Tuesday & Thursday 9.30 a.m. - 12 noon : 2.00 p.m. - 4.30 p.m.
Saturday 9.00 a.m. - 11.00 a.m.
(iii) ROYAL ALBERT EDWARD INFIRMARY, WIGAN
Females - Wednesday 2.00 p.m. - 6.00 p.m.
Males - Friday 2.00 p.m. - 6.00 p.m.

C O N V A L E S C E N C E.

Arrangements made by the Lancashire County Council through the
Divisional Medical Officer.

C O N V A L E S C E N T T R E A T M E N T.

Arrangements made by the Regional Hospital Board.

HEALTH VISITING SERVICE.

Health Visitor/School Nurses are employed in the area by the Lancashire County Council.

HOME HELP SERVICE.

Provided by the Lancashire County Council through the Divisional Medical Officer.

HOME NURSING SERVICE.

District Nurses are provided in the area by the Lancashire County Council.

HOSPITALS.

- | | |
|-----------------------|--|
| 1. GENERAL | Leigh Infirmary
Astley Hospital, Astley.
Atherloigh Hospital. |
| 2. INFECTIOUS DISEASE | Whelloy Hospital, Wigan.
Hulton Lane, Bolton. |
| 3. MATERNITY | Billinge Hospital, Billinge, Nr. Wigan.
Bolton District General Hospital. |

LABORATORY FACILITIES.

Laboratories at Leigh, Wigan and Bolton Infirmaries and the Regional Laboratories of the Public Health Laboratory Service at Withington Hospital, Manchester and at Preston.

MATERNITY HOMES.

The Firs, Leigh.

MIDWIFERY SERVICE.

Domiciliary midwives employed in the area by the Lancashire County Council.

MORAL WELFARE WORK.

Local Worker:-	Council for Moral Welfare, 186, Chapel Street, Leigh.
	Tel: Leigh 71061

NURSING HOMES.

None in the district.

UNMARRIED MOTHERS AND ILLEGITIMATE CHILDREN.

Provision for their care is made by the Lancashire County Council in conjunction with voluntary organisation.

WELFARE SERVICES.

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

Residential accommodation at Atherleigh Grange and Hourigan House, Leigh, etc.

X - RAY FACILITIES.

At Leigh, Bolton and Wigan Infirmaries. Facilities for special chest cases at Chest Clinic, Leigh Infirmary.

SECTION "C"

PREVENTION OF AND CONTROL

OVER INFECTIOUS AND

OTHER DISEASES

PREVENTION OF AND CONTROL OVER INFECTIOUS
AND OTHER DISEASES.

DIPHTHERIA

No cases were notified.

The need to continue the immunisation campaign against the disease, however, remains the most necessary pre-requisite for continued freedom.

DYSENTERY.

Four cases were notified, but none was confirmed.

57 faecal specimens were submitted for examination, 2 of which were confirmed as infected.

ENCEPHALITIS.

No cases were notified.

ERYSIPELAS.

No cases were notified.

FOOD POISONING.

No cases were notified.

MEASLES.

64 cases were notified. All proved to be fairly mild and complications were minimal.

MENINGOCOCCAL INFECTION.

No cases were notified.

PARATYPHOID FEVER.

No cases were notified.

POLIOMYELITIS.

No cases were notified.

P N E U M O N I A.

No cases were notified.

P U E R P E R A L P Y R E X I A.

No cases were notified.

S C A R L E T F E V E R.

14 cases were notified.

S M A L L P O X (VARIOLA)

No cases were notified.

T U B E R C U L O S I S.

During the year 9 cases of pulmonary and 2 of non-pulmonary infection were notified, compared with 22 and none respectively in the previous year.

T Y P H O I D F E V E R.

No cases were notified.

W H O O P I N G C O U G H.

26 cases were notified.

A N T H R A X.

No cases were notified.

SECTION "D"

REPORT BY THE

CHIEF PUBLIC HEALTH INSPECTOR

OF THE

SANITARY CIRCUMSTANCES

OF THE AREA

Part 1	General Sanitary Administration	Page 33
Part 2	Water Supply	Page 40
Part 3	Factories	Page 42
Part 4	Smoke Abatement and Atmospheric Pollution	Page 45
Part 5	Housing	Page 50
Part 6	Inspection and Supervision of Food	Page 59
Part 7	Rodent Control	Page 72

GENERAL SANITARY ADMINISTRATION.

COMPLAINTS AND ENQUIRIES

1,083 complaints and 1,614 enquiries were received in the office. These are classified in the following table.

COMPLAINTS

Defective Drains	69
" Closets	57
" Windowframes	13
" Doors	4
" Eavesgutters	43
" House Roofs	24
" Floors	4
" Wall and Ceiling Plaster	11
" Fireplaces	1
" Chimneys	7
Dampness due to various causes	40
Water Supply	35
Noise	8
Overcrowding	8
Verminous Houses	30
Rain Penetration	27
Rats and Mice	515
Miscellaneous	<u>187</u>
TOTAL	<u>1,083</u>

CLASSIFICATION OF ENQUIRIES MADE IN THE OFFICES OF THE DEPARTMENT

	<u>1965</u>	<u>1966</u>	<u>1967</u>
Certification of Vaccination Certificates	159	331	310
Enquiries regarding complaints previously made	69	69	22
" " slum clearance	220	218	124
" " blocked drains	-	67	54
" " Rent Act	6	1	-
" " Food Hygiene Regulations	52	32	33
" " Overcrowding	7	9	7
" " Licences	30	9	10
" " Dustbins	14	16	10
" " Clean Air Act	56	83	450
" " Offices, Shops & Railway Premises Act	16	5	9
Water Supply	47	81	53
Miscellaneous	<u>388</u>	<u>466</u>	<u>532</u>
TOTAL	<u>1,064</u>	<u>1,387</u>	<u>1,614</u>

SUMMARY OF VISITS BY THE PUBLIC HEALTH INSPECTORS

	Inspections	Re-inspections	Total	Defaults found	Defaults remedied
DWELLINGHOUSES:-					
Public Health Act	630	1,603	2,233	651	586
Housing Acts	244	95	339	-	-
Overcrowding	5	-	5	-	-
Improvement Grants	247	6	253	-	-
Houses - Verminous	35	8	43	-	-
Houses Let in Lodgings	5	-	5	-	-
GENERAL SANITATION:-					
Tents, Vans & Sheds	5	-	5	-	-
Places of Entertainment	3	-	3	1	-
Streets, Passages, Footpaths	5	3	8	4	4
Scrap Metal Dealers	4	-	4	-	-
Infectious Diseases	40	16	56	-	-
Schools	12	7	19	12	4
Premises - Animals Kept	4	-	4	-	-
Prevention of Damage by Pests Act	32	42	74	8	6
Public Conveniences	1	-	1	-	-
Farms	3	-	3	-	-
Tips	2	-	2	-	-
Drain Testing - Buildings	1	-	1	-	-
Pet Animals Act	8	-	8	-	-
Clean Air Act	3,383	358	3,741	-	-
Animal Boarding Establishments	2	1	3	-	-
Hairdressers' Byelaws	11	-	11	1	1
Offices, Shops & Railway Premises Act	129	390	519	258	363
Miscellaneous	796	157	953	13	13
FACTORIES ACT:-					
Mechanical Power	208	-	208	90	129
Non-Mechanical Power	5	-	5	-	-
FOOD PREMISES:-					
Markets	1	-	1	1	1
Bakohouses	57	6	63	13	5
Canteens	77	22	99	20	17
Cafes and Restaurants	48	55	103	68	50
Grocers Shops	167	60	227	47	53
Butchers Shops	74	28	102	12	25
Slaughterhouse	431	-	431	-	-
Greengrocers	20	3	23	7	7
Fish Friers	46	15	61	23	21
Wet Fish Shops	10	1	11	-	1
Confectionery Shops	59	27	86	8	16
Licensed Premises	33	44	77	49	54
Hawkers	3	-	3	-	-
Ice Cream Shops and Vehicles	11	-	11	5	-
Miscellaneous	114	4	118	5	2
T O T A L S	6,971	2,951	9,922	1,296	1,358

INFECTIOUS DISEASES - INVESTIGATION
AND DISINFECTION.

40 visits of investigation and 16 re-visits were paid to premises where infectious diseases had occurred.

Sales of disinfectant and insecticides by the Department realised £99. 15s. 0d against £137. 2s. 8d last year.

DISINFESTATION.

43 visits were made by the Public Health Inspectors in the course of investigation of verminous premises.

A total of 76 premises were treated by the Disinfestation Staff as follows:-

Houses	28
Business Premises	46
Other Premises	2

The Department provides a service which is available to the public and industrial undertakings both for treatment and advice on any infestation problem. For this work £113. 19s. 0d was re-charged during the year.

TESTING OF DRAINAGE SYSTEMS.

1 visit was paid for the purpose of testing and inspecting existing drainage systems during the year.

Testing of new drainage is carried out by the Borough Surveyor's Department.

CLOSET ACCOMMODATION.

Number of fresh water closets	18,604
Number of pail closets	12
Privy middens	3

The pail closets and privy middens are situated in the semi-rural area of the Borough where it is impracticable to provide water closets.

SEWAGE DISPOSAL.

I am indebted to the Manager of the Board for the following information:-

The total flow received and treated at the sewage works for the year ended December 1967 amounted to 2,000 million gallons.

Pumps deliver the sludge into the consolidation tank of the digestion plant. 70 foot diameter humus tanks with mechanical de-sludging equipment deliver the sludge from these tanks to the digestion plant by separate pumps in the Settled Effluent Pumping Station.

Gas generated in the primary digestion tank is collected in a gasholder for use in heating the sludge and for the central heating installation in the Administration Block. Burners in the chimney are provided for the disposal of surplus gas and facilities are available here for the incineration of rubbish.

CANAL BOATS.

There were no new registrations of Canal Boats during the year, nor were any inspected. Of recent years few, if any, boats discharge or pick up cargo in the Borough.

OFFENSIVE TRADES.

There are no Offensive Trades operating in the Borough.

COMMON LODGING HOUSES.

There are no common lodging houses within the Borough.

OVERCROWDING.

During the year 4 cases of overcrowding were investigated, but none was confirmed.

PET ANIMALS ACT, 1951.

Seven licences to keep Pet Shops have been issued during the year.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963.

Two licences authorising the keeping of a Boarding Establishment for animals were issued during the year.

PUBLIC BATHS.

The Public Baths consists of 2 plungos, and 12 slipper baths. Facilities are available for Turkish Baths.

Seventy-two samples of swimming bath water were submitted to the Public Health Laboratory for examination, of which 68 were reported upon satisfactorily. When samples are found to be unsatisfactory the action of the Baths Manager is immediately drawn to the position and remedial action taken, after which further samples are submitted.

TENTS, VANS AND SHEDS.

There is one licensed caravan site in the Borough containing one caravan. 5 visits were paid to itinerant caravans which were parked for varying periods before moving.

RIDING ESTABLISHMENTS ACT, 1964.

This Act, which came into operation on the 1st April, 1965, prohibits the keeping of a riding establishment except under the authority of a licence. No licences have been issued during the year.

SCRAP METAL DEALERS' ACT, 1964.

This Act provides for the registration and control of scrap metal dealers and came into operation on the 1st April, 1965 being renewable every third year. Every local authority is required to maintain a register of persons carrying on business in their area as scrap metal dealers. During the year 1 person was registered making a total of 7 Scrap Metal Dealers in the Borough, but no registrations were made in respect of Itinerant Collectors, the number on the register remaining at 21. These latter are exempt from the requirements of Section 2 of the Act regarding the keeping of record books. Close co-operation is maintained with the Police regarding the registrations.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

No registrations have been made. There are no premises manufacturing rag flock in the Borough.

MORTUARY.

The Public Mortuary is controlled and staffed by the Department.

During the year 90 bodies were received, of these 34 were from adjoining districts.

Reason for Admission	1963	1964	1965	1966	1967
Accidents	6	8	5	4	3
Suicide	3	7	7	2	2
Natural Causes	68	61	49	77	47
Misadventure	1	-	-	-	2
Open Verdict	2	-	1	-	2
Industrial Causes	-	9	6	2	-
Out of District	21	30	48	32	34

REFUSE COLLECTION.

This service is under the control of the Director of Public Cleansing, who has supplied the following information:-

Number of movable ashbins	18,760	(approx.)
Number of ashbins omitted	919,240	(approx.)
Refuse delivered to tip	21,762 tons	(approx.)

NOISE ABATEMENT ACT, 1960.

8 Complaints under this heading were received and investigated this year as against 9 last year. With co-operation of the owners of the premises upon which the offending noise emanated, all were satisfactorily concluded.

HAIRDRESSERS' AND BARBERS' ESTABLISHMENTS.

Byelaws made under Section 77 of the Public Health Act, 1961 with regard to hairdressers' and barbers' establishments came into force in the Borough on the 1st October, 1962 and 11 visits were made to such establishments during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

This Act, the main provisions of which came into force on the 1st August, 1964, makes provision for securing the health, safety and welfare of persons employed to work in offices, shops and certain railway premises.

During the year the number of premises on the register has increased to 493 as against 455 for the year ending 1966. There were 52 new registrations, this figure being the same as last year, giving an overall increased registration of 28 as against 6 last year. This seeming discrepancy comes about through closures and transfers to the register kept by H.M. Inspector.

The relationship between H.M. Inspector and ourselves has been most amicable.

There continues to be a plea from owners of businesses of a lack of knowledge of the Act, apart from its requirements, which does involve our inspectorate in considerable detailed work of explanations and advice. The careful examination by ourselves of plans submitted to the Engineer, has been a most useful exercise with beneficial results to both sides, because when architects are warned of possible infringements occurring, such matters are always corrected.

The table below shows the contraventions discovered during the year, to which the occupier's attention was drawn, with the number remedied; the rather large difference being a carryover of outstanding contraventions from last year.

Section	Requirement	No. of Infringements found	No. of Infringements remedied
4	Cleanliness	15	16
6	Temperature	35	57
7	Ventilation	10	12
8	Lighting	10	16
9	Sanitary Conveniences	28	49
10	Washing Facilities	17	19
12	Accommodation for Clothing	3	4
15	Eating Facilities	2	2
16	Floors, Passages, Stairs	17	14
24	First Aid Provisions	52	72
50	Abstract of the Act	69	102
	T O T A L S	258	363

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963. (Continued)

There being no statutory standard by regulation for lighting, that of the Illuminating Engineering Society is used for the purpose of administering this provision. There has been no difficulty in securing the application of those standards in practice, in particular new office accommodation is now being most adequately equipped in this direction.

No applications for exemption under Section 46 of the Act were received during the year.

Accidents notified on Form OSR.2 totalled 9, none of which proved to be of a serious nature. Each report was investigated, none being found to be attributable to failure on the part of the employer to ensure safety precautions. The number reported was one more than last year, and it can be assumed that not all are yet being notified.

The table hereunder shows the causation classification of the reported accidents.

Cause	Code No.	Offices	Retail Shops	Wholesale Shops or Warehouses	Catering Estabs.	Fuel Storage Depots
1. Machinery	11/14	-	1	-	-	-
2. Transport	31/34	-	-	-	-	-
3. Fire & Explosion	41	-	-	-	-	-
4. Electrical	43	-	-	-	-	-
5. Hand Tools	45	-	-	-	-	-
6. Falls of Persons	51/54	-	4	-	-	-
7. Stepping on or striking against object or person	61	-	-	-	-	-
8. Handling goods	62	-	1	1	-	-
9. Struck by falling object	63	-	1	-	-	-
10. Not otherwise specified	64	-	-	1	-	-

The following premises were registered at the end of the year:-

Class of Premises	No.	No. of persons employed
Offices	131	958
Retail Shops	302	1,241
Wholesale Shops/Warehouses	25	174
Catering Establishments and Canteens	34	282
Fuel Storage Depots	1	1
TOTALS	493	2,656

W A T E R S U P P L Y.

The Makerfield Water Board is the statutory Water Undertaking for the Borough.

The supply is taken in bulk from the Rivington Aqueduct of the Liverpool Corporation, the Thirlmere Aqueduct of the Manchester Corporation and the Lightshaw Works of the Makerfield Water Board.

The character of the waters from the Rivington and Thirlmere Aqueducts is pre-dominantly upland surface, whilst that from the Lightshaw Works is wholly of deep well origin.

Details of treatment of the various waters by the Board are as follows:-

Water derived from Liverpool Aqueduct:	Chlorination
Water purchased from Manchester Corporation:	No treatment by the Board
Water supplied from Lightshaw Treatment Plant:	Aeration, lime softening, filtration, pH correction, superchlorination and dechlorination.

Since the Board commenced to feed water in the mains from underground sources, many complaints have been received of hardness. This is not surprising when it is borne in mind that for the first time consumers are having to accept a supply which can contain hardness (calculated as CaCO_3) to the extent of upwards of 150 p.p.m. as against 40 - 50 under the old arrangements. Sales of water softener and descaler have increased considerably as a consequence. The Engineer to the Board has indicated, however, that he hopes ultimately to standardise deep well supplies at around 150 p.p.m. which will go some way to help those complaining.

Samples of Town's Mains water are submitted to the Public Health Laboratory for bacteriological examination each week. During the year 136 samples were examined, of those 6 showed some slight contamination, none being of a serious nature. A subsequent flushing of the mains in the vicinity of the point where the unsatisfactory sample was taken proved sufficient, in each case, to rectify the position.

Four samples were submitted for chemical analysis, with the following results (expressed in parts per million):-

	<u>No.1</u>	<u>No.2</u>	<u>No.3</u>	<u>No.4</u>
Oxygen absorbed from permanganate in 15 mins.	0.02	0.04	N11	N11
Oxygen absorbed from permanganate in 3 hrs.	0.04	0.08	0.02	0.02
Ammonia	N11	N11	N11	N11
Albuminoid Ammonia	N11	0.02	N11	N11
Nitrogen as Nitrates	1.13	0.37	1.74	1.69
Nitrogen as Nitrites	N11	N11	N11	N11
Combined Chlorine	24	17	24	24
Lead	N11	N11	N11	N11
Zinc	N11	N11	N11	N11
Copper	N11	N11	N11	N11
Total Iron	0.07	0.16	0.05	0.06
ph. value	8.3	7.6	7.8	7.8
Total solids in solution	232	100	248	248
Free Chlorine	0.23	0.01	0.26	0.21
Apparent Colour	N11	2.5	Colourless	Colourless
		Hazen Units		
Total Hardness (as CaCO_3)	150	51	150	154

W A T E R S U P P L Y. (Continued)

Four samples were also submitted for estimation of hardness only, with the following results:-

<u>Sample</u>	<u>Total Hardness</u> (as CaCO_3)	<u>Observations</u>
1	180	Moderately hard water
2	153	Moderately hard water
3	172	Moderately hard water
4	40	Soft water

Number of houses with direct supply from the mains	15,895
Number of houses supplied by standpipe	1
Number of houses with private supply	
(These are premises beyond the point of supply by mains)	7

FACTORIES ACT, 1961.

Number of Factories on the Register at the end of the year 171

CLASSIFICATION

Cotton and Rayon Textile Manufacturers	12
Reed Makers	1
Tailors and Garment Makers	8
Brick Makers	3
Builders, Builders' Merchants and Stonemasons	16
Joiners and Cabinet Makers	19
Earthenware Manufacturers	1
Bakehouses	17
Maltsters	1
Bottlers of Ales, etc.	2
Mineral Water Manufacturers	1
Slaughterhouse	1
Shoeing Forge	1
Coach Builders	2
Engineers and Iron Founders	8
Motor Vehicle Repairers	22
Scrap Metal Dealers	4
Sheet Metal Workers and Welders	6
Boot and Shoe Repairers	8
Brush, Skip and Hamper Makers	1
Cable Makers	2
Coffin Makers	1
Launderers and Dry Cleaners	6
Paint Manufacturers	1
Printers	5
Rope Works	1
Radio and T.V. Repairers	3
Wire Works	1
Others	17

TOTAL 171

The following tables give particulars of the inspections during the year under Part I of the Factories Act, 1961, and an analysis of the defects which were found, with particulars of the action taken.

FACTORIES - INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises	No. on Register	No. of inspections	No. of Written Notices	No. of Occupiers Prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	9	5	-	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	155	208	11	-
Other premises in which Section 7 is enforced by Local Authority (excluding outworks premises)	7	-	-	-
TOTALS	171	213	11	-

FACTORIES - CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of Defects				
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	No. of offences in respect of which prosecutions were instituted
Nuisances under the Public Health Acts:-					
Want of Cleanliness	2	2	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences:-					
(a) Insufficient	1	1	-	-	-
(b) Unsuitable or defective	85	124	-	2	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	2	2	-	-	-
TOTALS	90	129	-	2	-

PART VIII OF THE ACT - OUTWORK.

Nature of Work	Section 133			Section 134		
	No. of out-workers in August list required by section 133 (1) (o) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
(1)						
Wearing apparel	1	-	-	-	-	-

S MOKE ABATEMENT AND ATMOSPHERIC POLLUTION.

CLEAN AIR ACT, 1956.

The following Smoke Control Areas are operative in the Borough:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No.1	42	420	9	245	17	1. 9. 62
No.2	239	1,347	7	169	18	1.10. 63
No.3	82	1,000	2	50	18	1. 9. 63
No.4	191	778	2	28	7	1. 8. 67

The Average costs for conversion per room of the three types of heating apparatus authorised in the No.4 Smoke Control Area which became operative on the 1st August this year were:-

<u>Gas</u>	£29. 19s. 9d per room
<u>Solid Fuel</u>	£40. 12s. 1d per room
<u>Electric Storage Heaters</u>	£23. 3s. 11d per room

During the year one further Smoke Control Area (No.7) was submitted to the Ministry and confirmed, together with Area No.6 (submitted for confirmation in 1966). Particulars of the current confirmed areas are as follows:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No.5	94	741	-	35	4	1. 7. 68
No.6	592	232	-	4	-	1. 7. 69
No.7	22	33	-	-	-	1. 8. 68

COLLIERY SPOILBANKS.

Although in previous years adverse comment has been frequently made in this report on the condition of the various N.C.B. Spoilheaps in the district, it is quite a change to be able to say that this year there is considerable improvement. Grading of several Spoilheaps is in progress and there is hope eventually of there being some tree planting with landscaping.

VOLUMETRIC APPARATUS.

The measurement of pollution has continued during the year by the use of volumetric apparatus and the deposit gauge. The results are submitted to the Department of Scientific and Industrial Research, where they are co-ordinated into the National Survey of Atmospheric Pollution.

The results are given in the following tables in the form of highest, lowest and average of the daily readings at the three sites in each month for the year 1967 and the corresponding figures for 1966.

The amount of atmospheric pollution in the form of smoke and sulphur dioxide in the town is at last diminishing, as will be seen from a consideration of the tables.

VOLUMETRIC APPARATUS (Continued)

T O W N H A L L

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1966	1967	1966	1967	1966	1967	1966	1967	1966	1967	1966	1967
January	316	193	972	1,300	92	78	361	195	807	725	192	85
February	200	102	1,132	680	64	30	270	143	468	700	153	65
March	153	54	352	168	60	32	203	67	273	198	115	26
April	159	55	606	116	35	30	93	88	484	223	40	32
May	38	68	144	138	11	19	99	110	197	196	71	33
June	28	38	64	94	16	5	87	63	261	126	71	19
July	46	25	165	62	16	5	84	58	169	142	58	25
August	50	58	210	110	26	20	90	109	204	265	34	13
September	116	89	425	330	15	23	142	139	530	355	26	32
October	141	88	680	144	55	35	166	157	520	340	80	100
November	189	445	1,220	1,660	30	77	210	490	735	1,060	65	140
December	129	244	1,060	700	31	61	159	315	780	920	60	102
Average	130	122	586	458	38	35	164	161	452	438	80	56

F I R S L A N E

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1966	1967	1966	1967	1966	1967	1966	1967	1966	1967	1966	1967
January	269	166	744	950	64	66	203	122	417	615	48	24
February	177	97	780	530	52	36	148	94	512	480	71	17
March	125	47	284	164	28	16	88	37	132	90	57	24
April	72	39	230	132	59	4	85	34	544	100	32	12
May	42	64	176	118	0	26	49	58	149	116	18	17
June	26	34	160	84	8	10	49	36	205	123	38	11
July	27	23	96	68	0	5	50	33	110	74	25	11
August	43	54	188	120	11	14	45	75	155	240	22	9
September	99	84	360	290	20	21	59	110	190	255	23	17
October	147	101	680	190	52	47	49	105	180	170	23	59
November	*	357	*	1,640	*	91	*	279	*	830	*	65
December	126	252	1,080	800	22	38	77	211	560	730	17	70
Average	104	110	434	424	29	31	82	100	287	319	34	28

* No measurements recorded due to mechanical failure.

C H A P E L S T R E E T

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1966	1967	1966	1967	1966	1967	1966	1967	1966	1967	1966	1967
January	263	195	816	1,250	44	82	305	199	729	800	71	64
February	174	127	688	630	44	49	245	157	735	680	88	96
March	163	71	304	160	56	31	242	115	541	250	87	54
April	134	67	459	186	72	26	85	94	384	210	32	43
May	48	74	168	160	8	14	88	102	196	210	71	18
June	34	48	100	110	20	32	62	73	171	147	14	32
July	43	34	71	81	12	15	77	56	131	112	34	14
August	50	58	210	130	20	20	90	128	200	270	65	20
September	111	121	390	345	23	39	134	182	350	365	53	43
October	157	133	700	265	48	64	145	175	410	295	62	130
November	202	425	1,200	1,420	60	86	186	375	700	1,030	37	158
December	155	281	1,060	815	51	95	163	337	735	800	62	178
Average	128	130	514	463	38	46	152	166	440	431	56	71

INVESTIGATION OF AIR POLLUTION.

The level of pollution shows a steady decrease over the past years and as more Smoke Control Areas become operative this rate of progress is increasing. This is brought out quite clearly when looking at relative figures taken from the National Survey Annual Summary.

The results are divided into Summer (April - September) and Winter (October - March) periods. The figures are relative in that they show the average measured amount of smoke from the three stations maintained by ourselves, the results of which are transmitted to the Warren Springs Laboratory of the Ministry of Technology where they are arranged by computer.

The figures quoted relate to smoke and, as some help to comparisons, relative figures are also given for Lancaster and Stretford.

<u>Year</u>	<u>LEIGH</u>		<u>STRETTFORD</u>		<u>LANCASTER</u>	
	Summer	Winter	Summer	Winter	Summer	Winter
1962/63	120	365	103	476	60	211
1963/64	109	252	99	279	52	140
1964/65	73	268	77	290	38	181
1965/66	78	232	84	186	46	126
1966/67	85	217	81	163	35	86

HOUSING.

The programme of Clearance in respect of the sub-standard houses in the Borough has gone ahead during the year. Late in the year, as a result of several meetings, many outstanding problems associated with the clearance of houses were resolved, and it is now confidently anticipated that the Clearance Programme will be maintained.

A total of 80 houses were dealt with during the year:-

Year	Number of houses dealt with			Persons displaced		
	As Clearance Areas	As Individual Houses	Total	From Clearance Areas	From Individual Houses	Total
Pro-Programme (Post 1945)	11	35	46	31	104	135
1955	5	3	8	21	7	28
1956	44	7	51	156	27	183
1957	23	72	95	64	187	251
1958	100	72	172	283	194	477
1959	82	31	113	225	97	322
1960	73	14	87	171	53	224
1961	18	24	42	37	58	95
1962	27	11	38	69	34	103
1963	12	20	32	27	49	76
1964	84	5	89	227	12	239
1965	29	13	42	94	34	128
1966	109	13	122	283	30	313
1967	49	31	80	102	65	167
TOTAL	666	351	1,017	1,790	951	2,741

Five Areas were represented, three being dealt with by Compulsory Purchase Orders and the remaining two by Clearance Orders, the total number of houses involved being 49. All three Compulsory Purchase Orders were confirmed during the year as also was one of the Clearance Orders, all without modification. The remaining Clearance Order was still awaiting confirmation at the end of the year.

Additionally 31 individual houses were dealt with under Section 16(1) of the Housing Act and are tabulated hereunder:-

Address of Property	Persons Displaced
22, Lloyd Street	3
3 - 15 and 81 - 90 (Consecutive numbers) Bedford Square	40
54, Leigh Road	5
12, Lloyd Street	1
230, St. Helens Road	5
Chadwick's Farm, Westleigh	2
12, Thomas Street	2
Dean's Farm, Landside	1
Basement Room, 83, Church Street	6

The Council now view sympathetically applications for assistance towards removal expenses from premises falling within the scope of the Housing Act from pensioners and people suffering hardship. This assistance is given to such applicants up to a maximum of £6. 10s. 0d. This year the Health Committee granted payment in 7 cases.

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1967.

Year			Clearance Areas		Individual Houses	
			No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	Pre-programme (Post 1945)	Clearance Areas Individual Houses	11	31	35	104
1955	Alma Street Individual Houses		5	21	3	7
1956	Tickle Street Kenyon Street Taylor Street Hulmes Buildings Ditchfield Street Westwell Street (No.2) Westleigh Lane (No.9) Ann Street Individual Houses		6 4 3 4 8 11 5 3	21 8 11 15 29 43 20 9	7	27
1957	Westleigh Lane (No.8) Brooks Houses (No.1) Siddow Common (No.3) Welch Hill Street (No.4) Welch Hill Street (No.5) Individual Houses		3 4 6 5 5	6 11 15 15 17	72	187
1958	Back Brown Street Twist Lane (No.3) Sandersons Croft Deans Row Warrington Road (No.5) Birchall Street River Street Mill Street Duke Street (No.1) Sizehouse Place Cross Street (No.3) Plank Lane (No.3) Duke Street (No.2) Twist Lane (No.4) Leigh Street Individual Houses		4 6 6 12 5 8 8 5 7 5 6 6 5 10 7	18 14 22 30 18 16 21 16 24 13 14 18 12 30 17	72	194
1959	Princess Street Dukinfield Street Dukinfield Street (No.2) Dukinfield Street (No.3) Dukinfield Street (No.4) High Street Individual Houses		21 10 5 18 12 16	57 26 15 45 37 45	31	97
	c/fwd.		265	780	220	616

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1967 (Continued)

Year		Clearance Areas		Individual Houses	
		No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	b/fwd.	265	780	220	616
1960	Westleigh Lane (No.10) Compulsory Purchase Order	4	9		
	Mather Lane Compulsory Purchase Order	19	48		
	John Street (No.2) Compulsory Purchase Order	14	28		
	Twist Lane (No.5)	5	14		
	Derby Street West (No.1)	5	14		
	Derby Street West (No.2)	6	16		
	Derby Street West (No.3)	12	26		
	Brown Street South	8	16		
	Individual Houses			14	53
1961	Warrington Road (No.6)	4	9		
	Nel Pan Lane	5	14		
	Hilden Street	9	14		
	Individual Houses			24	58
1962	Groon Lane (No.4)	9	20		
	Duke Street (No.3)	6	12		
	Hill View	4	13		
	Wood End (No.2)	4	10		
	Henry Street	4	14		
	Individual Houses			11	34
1963	Bedford Grove	6	15		
	Lord Street	6	12		
	Individual Houses			20	49
1964	Collogo Street (No.1)	15	42		
	Collogo Street (No.2)	7	29		
	Collogo Street (No.3)	62	156		
	Individual Houses			5	12
1965	Strango Street	6	26		
	Beat Street	23	68		
	Individual Houses			13	34
1966	Duke Street (No.4)	4	9		
	Chapel Street (No.5)	28	54		
	Coal Pit Lane	42	143		
	Green Lane (No.5)	6	3		
	Norbury Street (No.2)	4	9		
	Westleigh Lane (No.11)	4	17		
	Wharf Street	21	48		
	Individual Houses			13	30
	c/fwd.	617	1,688	320	886

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1967 (Continued)

Year		Clearance Areas		Individual Houses	
		No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	b/fwd	617	1,688	320	886
1967	High Street (No.2)	8	19		
	Tideswell Street	12	32		
	Chapel Street (No.6)	17	33		
	Firs Lane	5	10		
	Johnson Street	7	8		
	Individual Houses			31	65
	TOTAL	666	1,790	351	951

MEASUREMENT FOR PERMITTED NUMBERS - HOUSING ACT, 1957. SECTION 77.

6 Certificates of Permitted Numbers were issued respecting 6 houses and 2 flats.

PROVISION OF NEW HOUSES.

(a)	Total		222
	(i) By Local Authority	Houses	8
		Flats	2
	(ii) By other Local Authorities	Houses	Nil
	(iii) By other bodies or persons	Houses	212
(b)	With State assistance under the Housing Acts:-		
	(i) By Local Authority	Houses	8
		Flats	2
	(ii) By other bodies or persons		Nil

HOUSING ACT, 1957 - SECTION 30

PAYMENTS IN RESPECT OF CONDEMNED HOUSES WHICH HAVE BEEN WELL MAINTAINED.

During the year payments were directed to be paid by the Minister in respect of the premises given below.

Green Lane, (No.5) Clearance Order, 1966	115, Green Lane	0/e	£76
Duke Street, (No.4) " " "	24, Duke Street	0/e	£96
Duke Street, (No.4) " " "	22a, Duke Street	0/e	£104
Westleigh Lane, (No.11) " " "	176, Westleigh Lane	0/o	£88
Compulsory Purchase Order	180, Westleigh Lane	0/o	£92
Coal Pit Lane, Clearance Order, 1966			
Compulsory Purchase Order	10, Aspull Street	0/e	£96
	12, Aspull Street	0/o	£96
Tideswell Street, Clearance Order, 1967			
Compulsory Purchase Order	4, Tideswell Street	0/e	£96
Chapel Street, (No.5) Clearance Order, 1966			
Compulsory Purchase Order	7, Miller Street	0/e	£84
Chapel Street, (No.5) Clearance Order, 1966	9, Miller Street	Owner	£14
		Tenant	£28
Chapel Street, (No.5) Clearance Order, 1967			
Compulsory Purchase Order	6, Miller Street	0/o	£92
Chapel Street, (No.6) Clearance Order, 1967			
Compulsory Purchase Order	5, Beardman Street	0/e	£92
Chapel Street, (No.6) Clearance Order, 1967			
Compulsory Purchase Order	10, Beardman Street	0/o	£96

1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR.

(1)	(a)	Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts.	878
	(b)	Inspections made for the purpose.	2,576
(2)	(a)	Dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	41
	(b)	Inspections made for the purpose.	155
(3)		Dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	42
(4)		Dwellinghouses (exclusive of those referred to under the preceeding sub-heading) found not to be in all respects reasonably fit for human habitation.	409

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Defective dwellinghouses rendered fit in consequence of informal action by the Local Authority.	78
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3. ACTION UNDER STATUTORY POWERS.

A.	<u>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1957:-</u>		
	(1)	Dwellinghouses in respect of which notices were served requiring repairs.	Nil
	(2)	Dwellinghouses which were rendered fit after service of formal notice:-	
	(a)	By owners	Nil
	(b)	By Local Authority in default of Owners	Nil
B.	<u>Proceedings under Public Health Acts:-</u>		
	(1)	Dwellinghouses in respect of which notices were served requiring defects to be remedied.	228
	(2)	Dwellinghouses in which defects were remedied after service of formal notice:-	
	(a)	By owners	100
	(b)	By Local Authority in default of Owners	53

3. ACTION UNDER STATUTORY POWERS (Continued).

C. Proceedings under Sections 16 and 23 of the Housing Act, 1957.

- | | |
|---|---|
| (1) Dwellinghouses in respect of which Demolition Orders were made. | 1 |
| (2) Dwellinghouses demolished in pursuance of Demolition Orders. | 1 |
| (3) Dwellinghouses closed in pursuance of Closing Orders. | 6 |

D. Proceedings under Section 18 of the Housing Act, 1957:-

- | | |
|--|-----|
| (1) Separate tenements or underground rooms in respect of which Closing Orders were made. | 1 |
| (2) Separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit. | N11 |

4. HOUSING ACT, 1957 - OVERCROWDING.

Cases of overcrowding investigated during the year.	5
Cases of overcrowding confirmed during the year.	N11
Families involved.	7
Persons dwelling therein.	37
Families re-housed.	N11
Persons involved.	N11

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 847 applicants on the Corporation housing list, of which 312 were living in lodgings.

RENT ACT, 1957.

Applicants for Certificates of Disrepair (Form I)	2
Certificates of Disrepair authorised to be issued - in full	-
Certificates of Disrepair authorised to be issued - in part	-
Applications for Certificates of Disrepair refused	-
Undertakings from Landlords to remedy defects (Form K)	2
Undertakings from Landlords accepted	2
Undertakings from Landlords refused	-
Certificates of Disrepair issued (Form L)	-
Applications for Cancellation of Certificates of Disrepair (Form M)	-
Certificates of Disrepair cancelled	-
Refusals to cancel Certificates of Disrepair	-
Applications for Certificates re remedying of defects (Form O)	-
Certificates issued re remedying of defects (Form P)	-

I M P R O V E M E N T G R A N T S - Rent Act, 1957, Housing (Financial Provision) Act, 1958
and House Purchase and Housing Act, 1959.

Particulars of applications received during the year are set out below:-

S T A N D A R D G R A N T S.

	<u>1966</u>	<u>1967</u>
Applications received	108	100
Applications approved	104	98
Applications refused	4	2
Applications withdrawn	-	-
Total amount of grants paid	£10,756.12s.6d	£6,467.0s.0d

D I S C R E T I O N A R Y G R A N T S.

Applications received	16	14
Applications received from private owners	16	14
Applications received from landlords	-	-
Approved for grant - private owners	16	11
Not approved for grant - private owners	-	3
Approved for grant - landlords	-	-
Not approved for grant - landlords	-	-
Applications withdrawn	-	-
Total amount of grants authorised	£2,578. 0s.0d	£2,005. 0s.0d
Total amount of grants paid	£1,913.10s.0d	£2,256. 0s.0d

TABLE OF DEFECTS DEALT WITH IN DWELLINGHOUSES.

The following table shows the number and types of defects found and remedied in dwellinghouses during the current year :-

<u>Nature</u>	<u>Found</u>	<u>Remedied</u>
Drains	100	99
Roofs	63	62
Eavesgutters	64	46
Rainwater pipes	14	17
Walls External : Defective Brickwork	28	23
" " Dampness penetrating	8	3
Walls Internal : Damp wallplaster	62	40
" " Defective wallplaster	24	13
Defective ceiling plaster	11	8
Sinks	4	2
Sink waste pipes	5	3
Floors	19	12
Window frames : Defective Woodwork	22	20
" " Sashes and inadequate ventilation	23	22
" " Glazing	1	-
Doors	15	18
Fire Ranges : Smoke emission	-	-
" " Defective	5	4
Insufficient Water Supply	54	72
Closets : Fresh Water	82	75
" Waste Water	-	-
Yards and Passages	-	-
Other Defects	47	47
	<hr/>	<hr/>
TOTAL	651	586
	<hr/>	<hr/>

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act, 1936, at a total cost of £326. 9s. 6d.

Repairs to defective drains were carried out in default of owners at a cost of £164.12s. 1d. which was fully recovered.

PUBLIC HEALTH ACTS, 1936 - 1961.

STATUTORY NOTICES SERVED

<u>Act and Section</u>	<u>No. of Notices</u>
Public Health Act, 1961	
Section 17 Choked Drainage (48 hours notice)	9
Public Health Act, 1936	
Section 39 Defective Sinks	2
Section 39 Drainage (Sub-soil drains)	-
Section 39 Gutters, Downspouts	61
Section 40 Soil Pipes, Ventilating Shafts etc.	1
Section 45 Defective Water Closets	55
Section 46 Insufficient Sanitary Accommodation	-
Section 56 Defective Yard Surfaces	-
Section 93 Conditions prejudicial to health	92
Section 138 Insufficient water supply	11
	<hr/>
	231
	<hr/>

INSPECTION AND SUPERVISION OF FOOD.

FOOD AND DRUGS ACT, 1955

FOOD HYGIENE (GENERAL) REGULATIONS, 1960 AND 1962

During the year prosecutions were authorised and taken before the Magistrates in the following cases:-

Case No.1 Action under Sections 8, 13 and 14 of the Food and Drugs Act 1955 and Regulations 6, 14, 16, 17, 18, 22 and 23 of the Food Hygiene (General) Regulations, 1960 and 1962.

The cases were proved and the application for disqualification of 2 years against using the premises by the person concerned was granted.

Penalties of £10 on each of 15 offences and £2. 0s. 0d costs were imposed.

Case No.2 Action under Section 2 of the Food and Drugs Act, 1955.

In this case the prosecution was consequent upon a dead fly being found in a meat and potato pie.

The case was proved and a penalty of £5 and £1. 1s. 0d costs was imposed.

Case No.3 Action under Section 2 of the Food and Drugs Act, 1955 and Regulations 6, 8, 14, 16, 17, 33(1) and 34 of the Food Hygiene (General) Regulations 1960 and 1962.

This case concerned the serving of a meal in a Restaurant, when a customer found a dead cockroach in the food. The premises were found to be in a dirty condition.

An application for disqualification of 2 years against keeping the premises by the person concerned was granted.

Penalties of £10 on each of 10 offences and £2. 16s. 0d. costs were imposed.

INSPECTION AND SUPERVISION OF FOOD. (Continued)

FOOD INSPECTION

An investigation was conducted into the bacteriological cleanliness at premises in the Borough used for the wholesale cooking of chickens.

Swabs were taken from cooked and uncooked chickens, preparation tables and utensils. None of the specimens submitted contained organisms of the Typhoid or Salmonella groups which are the usual causes of illness associated with this class of food.

CLASSIFICATION OF PREMISES VISITED BY PUBLIC HEALTH INSPECTORS.

	<u>No. of visits paid</u>
Markets	1
Bakehouses	63
Canteens and Restaurants	202
Grocers Shops	227
Greengrocers Shops	23
Fish Friers	61
Wet Fish Shops	11
Confectionery Shops	86
Food Warehouses	12
Hotels and Public Houses	77
Butchers Shops	102
Slaughterhouse	431
Ice Cream Manufacturers	6
Ice Cream Shops and Vehicles	5
Hawkers	3
	<hr/>
	1,310
	<hr/>

INFRINGEMENTS OF FOOD HYGIENE (GENERAL) REGULATIONS 1960 DEALT WITH.

			<u>Defects</u> <u>found</u>	<u>Defects</u> <u>remodified</u>
Rog.	6	Cleanliness of equipment	11	8
"	8	Risk of contamination	19	6
"	14	Defective closets, etc. Notices re washing	38	29
"	16	Wash-hand basins, water supply, soap, nailbrush, drying facilities not provided	70	54
"	17	First Aid equipment not provided	10	7
"	18	Accommodation for clothing etc.	4	3
"	19	Facilities for washing food and equipment	14	10
"	21	Ventilation	2	-
"	23	Cleanliness and repair of Food Rooms	93	86
"	24	Refuse	6	3
			<hr/>	<hr/>
		TOTALS	267	206
			<hr/>	<hr/>

BAKEHOUSES.

Number of Bakeshouses on register	24
Number of inspections in the year	63
Number of defects found	13
Number of defects remodified	5

SLAUGHTERHOUSES.

Number of licensed slaughterhouses in the Borough	1
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A total of £1,254. 12s. 6d was received by the Corporation as fees for meat inspection during the year.

SLAUGHTER OF ANIMALS ACT, 1958.

There are 8 slaughtermen holding licences granted by this Authority.

All meat and offals found to be unfit were voluntarily surrendered.

On the following page the table reproduces particulars of the number of cattle examined, and of condemnations.

NUMBER OF CATTLE EXAMINED AND
CONDEMNATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS

	Cattle excluding Cows		Cows		Calves		Sheep and Lambs		Pigs	
	1966	1967	1966	1967	1966	1967	1966	1967	1966	1967
Number killed	3,985	5,173	556	511	5	3	18,701	20,691	18,873	713
Number inspected	3,985	5,173	556	511	5	3	18,701	20,691	18,873	713
All Diseases except Tuberculosis - Whole Carcasses Condemned	2	-	2	-	-	-	74	43	41	5
Carcasses of which some part or organ was condemned	2,366	3,172	396	442	-	-	3,785	4,795	5,860	118
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	59.4	61.31	71.6	86.49	-	-	20.6	23.09	31.2	17.25
<u>TUBERCULOSIS:</u>										
Whole Carcasses condemned	-	-	-	-	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	1	-	-	-	-	-	-	-	50	-
Percentage of the number inspected affected with Tuberculosis	0.03	-	-	-	-	-	-	-	0.26	-

PERCENTAGE CONDEMNATIONS FOR TUBERCULOSIS

Year	Cattle exoluding Cows	Cows	Calves	Pigs
1948	6.90	36.36	0.44	5.32
1949	7.10	36.90	0.40	6.90
1950	6.70	42.80	0.40	4.20
1951	8.03	56.28	0.09	4.41
1952	14.62	48.62	0.27	3.33
1953	13.16	33.20	0.16	3.19
1954	10.26	29.19	-	1.98
1955	6.51	39.65	-	1.44
1956	6.86	23.49	-	1.66
1957	8.43	21.77	-	0.40
1958	6.16	17.55	-	1.88
1959	7.40	18.50	-	1.40
1960	3.13	6.39	-	1.15
1961	1.60	0.40	-	0.61
1962	0.60	0.41	-	0.54
1963	0.22	0.28	-	0.18
1964	0.14	-	-	0.36
1965	0.08	-	-	0.40
1966	0.03	-	-	0.26
1967	-	-	-	-

Those figures afford an interesting insight into the incidence of Tuberculosis found in animals killed for food and can be taken as complementary to the field work that has been accomplished by the Veterinary Officers of the Ministry of Agriculture, Fisheries and Food.

TUBERCULOSIS ORDER, 1938.

No cattle were sent for slaughter by the Veterinary Inspectors under the Tuberculosis Order, 1938.

CYSTICERCUS BOVIS.

All bovines are subjected to examinations for Cysticercus Bovis and during the year 8 carcasses were found to be infected. In each case particulars of the animal were forwarded to the Divisional Veterinary Inspector of the Ministry of Agriculture, Fisheries and Food.

The carcasses were dealt with in accordance with the conditions laid down by the Ministry of Agriculture, Fisheries and Food.

INSPECTION OF OTHER FOODS.

The following table gives a list of foods examined by the Public Health Inspectors and rejected as unfit for human consumption. All were voluntarily surrendered.

Food	No. of Containers	Weight				
		Tons	Cwts	Qrs.	lbs.	Ozs.
Meat (Fresh)	25	-	12	1	17	6
Meat (Canned)	593	1	5	-	1	8
Fruit	1,050	-	8	2	5	15
Vegetables	3,096	-	16	1	7	8
Milk	53	-	-	1	8	9
Fish	1,588	-	8	1	-	-
Soups	265	-	1	2	24	12
Sundries	2,580	-	11	1	23	13
Total	9,250	4	4	-	5	7

FOOD AND DRUGS ACT, 1955.

Dr. G. H. Walker, Ph.D., F.R.I.C., was the Public Analyst for the Borough until November 1967 when he retired from the service. He was succeeded by Mr. A. C. Dushnell, F.R.I.C.

124 samples of milk and other foods were submitted to the Public Analyst for examination. The classified table on the following page shows the results of the analysis of the samples.

ANALYSIS OF FOOD SAMPLES - 1967

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
Baconburgers	-	1	-	1	-
Biscuits	-	2	-	2	2
Black Puddings	-	1	-	1	1
Bread	-	2	-	2	1
Butter	-	3	-	3	-
Cheese	-	2	-	2	2
Cream, Fresh	-	1	-	1	-
Cough Medicine	-	1	-	1	-
Curry Powder	-	1	-	1	-
Dietary Loaf	-	1	-	1	1
Fish, Canned	-	3	-	3	-
Fish, Cured	-	1	-	1	-
Flour, Confectionery	-	2	-	2	-
Flour, Plain	-	1	-	1	1
Flour, Self-raising	-	1	-	1	-
Fruit, Dried	-	1	-	1	-
Fruit Juice, Bottled	-	1	-	1	1
Fruited Malt Loaf	-	1	-	1	-
Honey	-	1	-	1	-
Hot Dogs in Gravy, Canned	-	1	-	1	-
Ice-Cream	-	4	-	4	-
Ice-Lollies	-	2	-	2	-
Jelly Powder	-	1	-	1	-
Lard	-	1	-	1	-
Margarine	-	1	-	1	-
Marmalade	-	1	-	1	-
Meat, Canned	-	2	-	2	-
Meat, Fresh	-	1	-	1	-
Meat Pie	-	2	-	2	1
c/fwd.	-	43	-	43	10

ANALYSIS OF FOOD SAMPLES - 1967

Articulos	Number examined				Number adulterated or otherwise giving rise to irregularity
	Formal	Inf.	Priv.	Total	
b/fwd.	-	43	-	43	10
Milk	-	31	-	31	1
Milk, Channol Islands	-	12	-	12	-
Milk, Dried, Compoundod	-	1	-	1	-
Milk, Driod, Modified	-	1	-	1	-
Milk Powder, Dried, separated with non-milk fat	-	1	-	1	1
Milk, Dried Skimmed (Instant Low Fat)	-	1	-	1	-
Mustard Prepared	-	1	-	1	-
Peanut Butter	-	1	-	1	-
Pudding (Christmas)	-	1	-	1	-
Potato Chips, Canned	-	1	-	1	-
Potato Pie	-	1	-	1	-
Sausages, Beef	-	4	-	4	-
Sausages, (Cumberland)	-	1	-	1	-
Sausages, Pork	-	9	-	9	1
Soft Drinks to be diluted	-	4	-	4	1
Spice Mixed, Ground	-	1	-	1	-
Sweets	-	2	-	2	-
Syrup	-	1	-	1	-
Tripo	-	1	-	1	-
Turkey, Canned	-	1	-	1	-
Whisky	-	1	-	1	-
Wine (French)	-	2	-	2	-
Yoghourt	-	1	-	1	-
Zinc and Caster Oil	-	1	-	1	-
TOTALS	-	124	-	124	14

A D U L T E R A T E D S A M P L E S 1 9 6 7

Number of Sample	Description	Nature of Adulteration or irregularity	Observations
28	Dietary Loaf (Informal)	Calcium content only 20 milligrams per ounce compared with 34.1 milligrams per ounce declared.	Manufacturers agreed to amend formula.
32	Milk Powder Dried, Separated, with non-milk fat (Informal)	On the basis of the reconstitution instructions on the base of the packet, the contents were equivalent to only 6.4 pints and not eight pints as declared.	Manufacturers agreed to amend labels.
42	Flour (two bags, one opened) (Informal)	Opened bag contained 21 milligrams of black pepper particles. Unopened bag was genuine.	Complainant informed.
44	Processed Guyere Cheese (Informal)	Moisture content 41.0 per cent. should contain not more than 38.0 per cent. moisture	Importers communicated with.
49	Milk (Informal)	Deficient 3.3 per cent. fat.	Vendor informed. Further sample to be obtained.
33	Blackcurrant Juice, Bottled (Informal)	Minor mineral constituents corresponded with only 23 per cent. blackcurrant juice of average composition yet labelled "BLACKCURRANT JUICE". Consisted of a sweetened blackcurrant drink and not blackcurrant juice as claimed.	Importers to be communicated with.
5	Black Puddings (Informal)	Meat equivalent only 52.0 per cent. Recommended minimum meat equivalent 65.0 per cent.	Manufacturer interviewed.
29	Pork Sausage (Informal)	Meat content only 59.0 per cent.	Poor in meat content.
43	Orange Squash, to be diluted.	Sample contained no Vitamin A and only 3 milligrams per fluid ounce of Vitamin C compared with 3000 I.U. Vitamin A and 15 milligrams per fluid ounce declared on label.	Manufacturer taking steps to prevent a recurrence.
34	Pork Pie	Contained one small fly (family Calliphoridae) of length $7\frac{1}{2}$ millimetres and weight 23 milligrams, together with 25 fly eggs of average length 1.5 millimetres.	Manufacturer cautioned.

A D U L T E R A T E D S A M P L E S 1 9 6 7 (Continued)

Number of Sample	Description	Nature of Adulteration or irregularity	Observations
35	Cornish Wafer (Informal)	The broken biscuit was rendered unsightly by 0.75 gramme of fatty bakery char (i.e., burnt and dextrinised wheat starch).	Manufacturer and complainant informed.
36	Barm Cake (Informal)	Contained part of a fly (family Muscidae) comprising head, thorax and three legs, weighing 5 milligrams and measuring 3 millimetres in length.	Bakery cautioned.
23	Cheese (Informal)	Consisted of "Full Fat Hard Cheese" of a variety other than those specified in Schedule I of the Cheese Regulations, 1965 (as amended) and did not bear any of the alternative declarations specified in Regulation 5 of the regulations.	Vendor interviewed and cautioned.
31	Potato Plo (Informal)	Contained one dead "Bluebottle" fly measuring 11 millimetres in length and weighing 72 milligrams.	Section 2, Food and Drugs Act, 1955. Fined £5 and £1.1.0d costs.

S U M M A R Y O F S A M P L E S S U B M I T T E D U N D E R T H E F O O D A N D
D R U G S A C T 1 9 5 5, F O R E X A M I N A T I O N B Y T H E P U B L I C
A N A L Y S T 1 9 5 8 - 1 9 6 7.

Year	No. of Samples	Number adulterated or otherwise giving rise to irregularity	Rate of Sampling per 1,000 population
1958	141	14	2.9
1959	142	13	2.9
1960	115	8	2.4
1961	155	16	3.3
1962	126	10	2.7
1963	138	10	2.9
1964	102	10	2.2
1965	112	8	2.4
1966	141	10	3.0
1967	124	14	2.6

M I L K S U P P L Y.

As all cows are subjected to a tuberculin test, Raw Milk, Pasteurised and Sterilised milk is permitted to be sold.

Registered Distributors in the Borough 125
Registered dairies in the Borough 2

Year	Number of Samples	Fat %	Solids-not-Fat %	Total Solids %	Percentage Adulteration
1948	83	3.70	8.60	12.30	9.6
1949	80	3.67	8.56	12.23	8.7
1950	87	3.69	8.62	12.31	6.9
1951	70	3.65	8.66	12.31	4.2
1952	62	3.86	8.65	12.51	3.2
1953	65	3.79	8.55	12.34	12.3
1954	71	3.84	8.63	12.47	1.4
1955	61	3.83	8.58	12.41	4.9
1956	60	3.80	8.53	12.33	5.0
1957	58	3.70	8.60	12.30	1.7
1958	58	3.72	8.60	12.32	3.4
1959	66	3.56	8.65	12.21	10.6
1960	53	3.60	8.66	12.26	5.7
1961	63	3.62	8.62	12.24	4.8
1962	63	3.63	8.62	12.25	1.6
1963	32	3.67	8.54	12.21	3.1
1964	30	3.60	8.49	12.09	10.0
1965	28	3.54	8.61	12.15	3.6
1966	40	3.88	8.67	12.55	2.5
1967	43	3.92	8.72	12.64	2.3
Average		3.71	8.61	12.32	5.28

BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES

BACTERIOLOGICAL EXAMINATION

Designation	Number Submitted	NATURE OF TEST									
		Methylene Blue		Turbidity Test		Phosphatase Test		Colony Count Test			
		Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory		
Tuberculin Tested	54	39	12	-	-	-	-	-	-	-	-
T.T. Pasteurised	46	43	3	-	-	46	-	-	-	-	-
Sterilised	27	-	-	27	-	-	-	-	-	-	-
Ultra Heat Treated	6	-	-	-	-	-	-	6	-	-	-
TOTALS	133	82	15	27	-	46	-	6	-	-	-

BIOLOGICAL EXAMINATION

Number Submitted	Tubercle Bacilli				Brucellosis	
	Positive		Negative		Culture Test	
	Positive	Negative	No Result	Positive	Negative	No Result
107	-	55	2	6	51	-

Following routine sampling for Brucellosis one herd was reported to be positive by Culture Test. Notice was accordingly served on the farmer concerned in accordance with Article 20 of the Regulations prohibiting the sale of raw milk. As a result of the investigation 6 animals were removed from the herd before the Order was rescinded.

ICE CREAM.

In accordance with Section 16 (1) (a) of the Food and Drugs Act, 1955, 4 premises were registered for the sale of Ice Cream during the year. 184 such premises now appear in the Register. There are two manufacturers of Ice Cream licensed in the Borough.

Samples for bacteriological examination are submitted to the Regional Public Health Laboratory, Withington Hospital, Manchester. Four samples were submitted for examination, all of which were Grade I.

LANCASHIRE COUNTY COUNCIL (GENERAL POWERS) ACT, 1951.

HAWKERS.

Any person who shall by himself, or any person employed by him, sell or offer or expose for sale, any meat or meat product, or fish, fruit or vegetables from or upon a vehicle or from or upon a basket, pail, tray, table or other portable receptacle or stand, must be registered.

The number of persons on the register at the end of the year was 97.

PREMISES.

All premises used or proposed to be used for storage of meat, meat food products, or fish, fruit or vegetables must be registered. The number of premises registered at the end of the year was 62.

FOOD AND DRUGS ACT, 1955 (Section 16).

PRESERVED FOODS, ETC.

Under the above Act all premises used for the preparation or manufacture of sausages or potted, pressed, pickled or preserved meat, fish or other food intended for sale must be registered. The number of premises registered at the end of the year was 83.

RODENT CONTROL.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

During the year, as a result of complaints and continuous survey, 5,112 premises were inspected. 643 infestations were found and 14,744 visits were made by the Rodent Operative during the course of treatment.

A free service for the destruction of rats and mice is given to occupiers of dwelling-houses, conditional on there being no contributory negligence. In all other cases the full cost of the work and materials is borne by the occupiers of the premises, and in this connection the sum of £233. 17s. 6d, was recovered during the year.

SUMMARY OF VISITS MADE FOR PURPOSE
OF SURVEY

Premises	Number of Visits	Test Baits Laid on Survey
Local Authority Premises	42	378
Houses	3,891	1,189
Factories	66	279
Food Premises	100	344
Shops (Not Food)	48	151
Offices	48	95
Schools	21	130
Hen Runs	9	71
Slaughterhouse	27	267
Licensed Premises	34	193
Garages	310	359
Agriculture	3	-
Brooks and Waterways	37	310
Miscellaneous	9	25
TOTAL	4,645	3,791

S U M M A R Y O F V I S I T S F O R P U R P O S E S O F T R E A T M E N T

Type of Premises	No. of Visits	Poisonous Baits				Estimated Kill Rats Only
		Rats		Mice		
		Laid	Taken	Laid	Taken	
Local Authority	37	387	69	73	16	35
Dwellinghouses	9,434	5,525	1,252	2,288	596	606
Factories	215	2,515	477	1,625	370	233
Food Premises	183	381	60	1,533	375	29
Shops (Not Food)	51	27	5	576	109	2
Offices	27	-	-	351	66	-
Schools	58	268	22	671	107	11
Hon Rms	3	56	17	-	-	6
Slaughterhouses	4	-	-	48	8	-
Licensed Premises	76	219	37	756	154	20
Garages	8	90	15	-	-	7
Agriculture	3	44	12	-	-	6
Miscellaneous	6	32	9	-	-	4
T O T A L S	10,105	9,544	1,975	7,921	1,801	959

SEWER INFESTATION AND TREATMENT.

The Ministry of Agriculture, Fisheries and Food procedure as to the methods of pre-baiting and poisoning is adhered to throughout this work. The disinfection of sewers comprises what is known as an initial treatment followed by maintenance of a similar kind at six-monthly intervals.

A comparative table of treatments undertaken during the past 10 years is given below:-

Year	Treatment No.	No. of Manholes treated	Baiting (2 days)		Poison Baiting
			Taken	Not Taken	
1958	26	101	78	23	Warfarin Bait Used
	27	106	35	71	- ditto -
1959	28	110	26	84	- ditto -
	29	118	38	80	- ditto -
1960	30	86	17	69	- ditto -
	31	36	21	15	- ditto -
1961	32	55	23	32	- ditto -
	33	50	16	34	- ditto -
1962	34	53	13	40	- ditto -
	35	103	30	73	- ditto -
1963	36	106	29	77	- ditto -
	37	69	15	44	- ditto -
1964	38	94	28	66	- ditto -
	39	105	18	87	- ditto -
1965	40	104	23	81	- ditto -
	41	104	22	82	- ditto -
1966	42	217	16	201	Fluoracotamide Used
1967	43	231	-	231	- ditto -

